


DT07 Rec'd PCT/PTO 24 JAN 2005

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| U. S. PATENT AND TRADEMARK OFFICE<br>U.S. DEPARTMENT OF COMMERCE  |  | ATTORNEY'S DOCKET NUMBER<br>20930P                                  |
| TRANSMITTAL LETTER TO THE UNITED STATES<br>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br>CONCERNING A FILING UNDER 35 U.S.C. 371  |  | U.S. APPLICATION NO. (If known, see 37 CFR 1.5)<br><b>10/522280</b> |
| INTERNATIONAL APPLICATION NO.<br>PCT/US03/23928   | INTERNATIONAL FILING DATE<br>July 30, 2003 | PRIORITY DATE CLAIMED<br>August 1, 2002                             |
| TITLE OF INVENTION<br>NOVEL PROCEDURE FOR GROWTH, IMAGING, AND ENUMERATION OF MICROBIAL COLONIES FOR<br>SEROLOGICAL OR SCREENING ASSAYS   |  |   |
| APPLICANT(S) FOR DO/EO/US<br>Michael J. Caulfield; Xu Liu; Su Wang  |  |   |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:   |  |   |
| <ol style="list-style-type: none"><li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li><li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li><li>3. <input type="checkbox"/> This is an express request to begin national examination procedures [35 U.S.C. 371(f)]. The submission must include items (5), (6), (9) and (21) indicated below.</li><li>4. <input type="checkbox"/> The US has been elected (PCT Article 31).</li><li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed [35 U.S.C. 371(c)(2)]<ol style="list-style-type: none"><li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li><li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li><li>c. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li></ol></li><li>6. <input type="checkbox"/> An English language translation of the International Application as filed [35 U.S.C. 371(c)(2)]<ol style="list-style-type: none"><li>a. <input type="checkbox"/> is attached hereto</li><li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li></ol></li><li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 [35 U.S.C. 371(c)(3)]<ol style="list-style-type: none"><li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li><li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li><li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li><li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li></ol></li><li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 [35 U.S.C. 371(c)(3)].</li><li>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) [35 U.S.C. 371(c)(4)].</li><li>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 [35 U.S.C. 371(c)(5)].</li></ol> |  |   |
| Items 11 to 20 below concern other document(s) or information included:   |  |   |
| <ol style="list-style-type: none"><li>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li><li>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li><li>13. <input type="checkbox"/> A preliminary amendment.</li><li>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</li><li>15. <input type="checkbox"/> A substitute specification.</li><li>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</li><li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.</li><li>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</li><li>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 371(c)(2).</li><li>20. <input type="checkbox"/> Other items or information:</li></ol>  |  |   |

EXPRESS MAIL CERTIFICATE<sup>1</sup>  
DATE OF DEPOSIT January 24, 2005  
EXPRESS MAIL NO. EV32198876403  
I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS  
BEING DEPOSITED WITH THE UNITED STATES POSTAL  
SERVICE AS EXPRESS MAIL "POST OFFICE TO ADDRESSEE"  
ON THE ABOVE DATE IN AN ENVELOPE ADDRESSED TO  
COMMISSIONER FOR PATENTS, P.O. BOX 1450,  
ALEXANDRIA, VIRGINIA 22313-1450.

MAILED BY John Schenck  
DATE Jan 24, 2005

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|---|--------------|---|------------|---|--|
| U.S. APPLICATION NO. (If known, see 37 CFR 1.5)<br><b>10/522280</b>   |              | INTERNATIONAL APPLICATION NO.<br>PCT/US03/23928                               |            | ATTORNEY'S DOCKET NUMBER<br><b>DT01 Rec'd PCT/ 24 JAN 2005</b>  |  |
| 21. The following fees are submitted:   |              |   |            |   |  |
| <input checked="" type="checkbox"/> a) Basic national fee..... \$300.00   |              |   |            | \$300.00  |  |
| <input checked="" type="checkbox"/> b) Examination fee..... \$200.00  |              |   |            | \$200.00  |  |
| <input checked="" type="checkbox"/> c) Search fee ..... \$500.00  |              |   |            | \$500.00  |  |
| <b>TOTAL OF ABOVE CALCULATIONS = \$1000.00</b>  |              |   |            | \$1000.00   |  |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.  |              |   |            |   |  |
| Total Sheets  | Extra Sheets | Number of each additional 50 or fraction thereof (round up to a whole number) | RATE       |   |  |
| - 100 =   | 0 /50        | 0 = 0   | X \$250.00 | \$0.00  |  |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date [37 CFR 1.492(e)].  |              |   |            |   |  |
| CLAIMS  | NUMBER FILED | NUMBER EXTRA  | RATE       |   |  |
| Total Claims  | 63 - 20 =    | 43  | X \$50.00  | \$2,150.00  |  |
| Independent Claims  | 4 - 3 =      | 1   | X \$200.00 | \$200.00  |  |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable)   |              |   | + \$360.00 |   |  |
| <b>TOTAL OF ABOVE CALCULATIONS (SUBTOTAL) =</b>   |              |   |            | \$3,350.00  |  |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).   |              |   |            | +   |  |
| <b>TOTAL NATIONAL FEE =</b>   |              |   |            | \$3,350.00  |  |
| Fee for recording the enclosed assignment [37 CFR 1.21(h)]. The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property.   |              |   |            | +   |  |
| <b>TOTAL FEES ENCLOSED =</b>  |              |   |            | \$3,350.00  |  |
|   |              |   |            | Amount to be refunded:  |  |
|   |              |   |            | Amount to be charged:   |  |
| a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.<br>b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>13-2755</u> in the amount of <u>\$3,350.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed.<br>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to the Deposit Account No. <u>13-2755</u> . A duplicate copy of this sheet is enclosed. |              |   |            |   |  |
| <b>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive [37 CFR 1.137(a) or (b)] must be filed and granted to restore the International Application to pending status.</b>  |              |   |            |   |  |
| SEND ALL CORRESPONDENCE TO:<br><div style="border: 1px solid black; padding: 2px; display: inline-block;">Customer No. 000210</div><br>MERCK & CO., INC.<br>Patent Department, RY60-30<br>P.O. Box 2000<br>126 East Lincoln Avenue<br>Rahway, New Jersey 07065-0970   |              |   |            |   |  |
| DATE: <u>January 24, 2005</u><br>PHONE #: <u>(732) 594-1273</u>   |              |   |            | <br>_____<br>SIGNATURE<br><br>_____<br>NAME<br><br>_____<br>42,452<br>REGISTRATION NUMBER |  |